Please check the examination details below before entering your candidate information

Candidate surname | Other names

Centre Number | Candidate Number

Spring 2026

Pearson Edexcel Level 1/Level 2 GCSE (9–1)

AIMING FOR GRADE 6

30 marks (30 minutes)

Paper reference 1MA1/1H

Mathematics

PAPER 1 (Non-Calculator)

Higher Tier

You must have: Ruler graduated in centimetres and millimetres, protractor, pair of compasses, pen, HB or B pencil, eraser, Formulae Sheet (enclosed). Tracing paper may be used.

Total Marks

Instructions

- Use **black** ink or ball-point pen.
- **Fill in the boxes** at the top of this page with your name, centre number and candidate number.
- Answer **all** questions.
- Answer the questions in the spaces provided
  – there may be more space than you need.
- You must **show all your working.**
- Diagrams are **NOT** accurately drawn, unless otherwise indicated.
- **Calculators may not be used.**

Information

- The total mark for this paper is 30. There are 10 questions.
- Questions have been broadly arranged in an ascending order of mean difficulty, as found by students achieving Grade 6 in the Summer and November 2025 examinations.
- Questions marked with an asterisk (*) also appear on the Foundation Tier paper.
- The marks for **each** question are shown in brackets
  – use this as a guide as to how much time to spend on each question.

Advice

- Read each question carefully before you start to answer it.
- Keep an eye on the time.
- Try to answer every question.
- Check your answers if you have time at the end.

Answer all questions.

Write your answers in the spaces provided.

You must write down all the stages in your working.

1 Express $0.07\dot{2}\dot{4}$ as a fraction.

.....

(Total for Question 1 is 3 marks)

*** 2** Work out $5.7 \times 10^2 + 9.8 \times 10^3$

Give your answer in standard form.

.....

(Total for Question 2 is 3 marks)

3 Rationalise the denominator of $\frac{35}{\sqrt{7}}$

Give your answer in its simplest form.

.....

(Total for Question 3 is 2 marks)

*** 4** Ian cycled 44 kilometres in 2 hours and 12 minutes.

Work out Ian's average speed.
Give your answer in kilometres per hour.

..... kilometres per hour

(Total for Question 4 is 4 marks)

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5 Simplify $\frac{3(2-m)^2}{2-m}$

.....

(Total for Question 5 is 1 mark)

6 $\mathbf{a} = \begin{pmatrix} 1 \\ -7 \end{pmatrix}$ $\mathbf{c} = \begin{pmatrix} 17 \\ -19 \end{pmatrix}$

Given that $4\mathbf{a} - 5\mathbf{b} = 2\mathbf{c}$

find $\mathbf{b}$ as a column vector.

$\begin{pmatrix} \ldots\ldots \\ \ldots\ldots \end{pmatrix}$

(Total for Question 6 is 4 marks)

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7 Dwayne buys 20 rulers for 40p each.

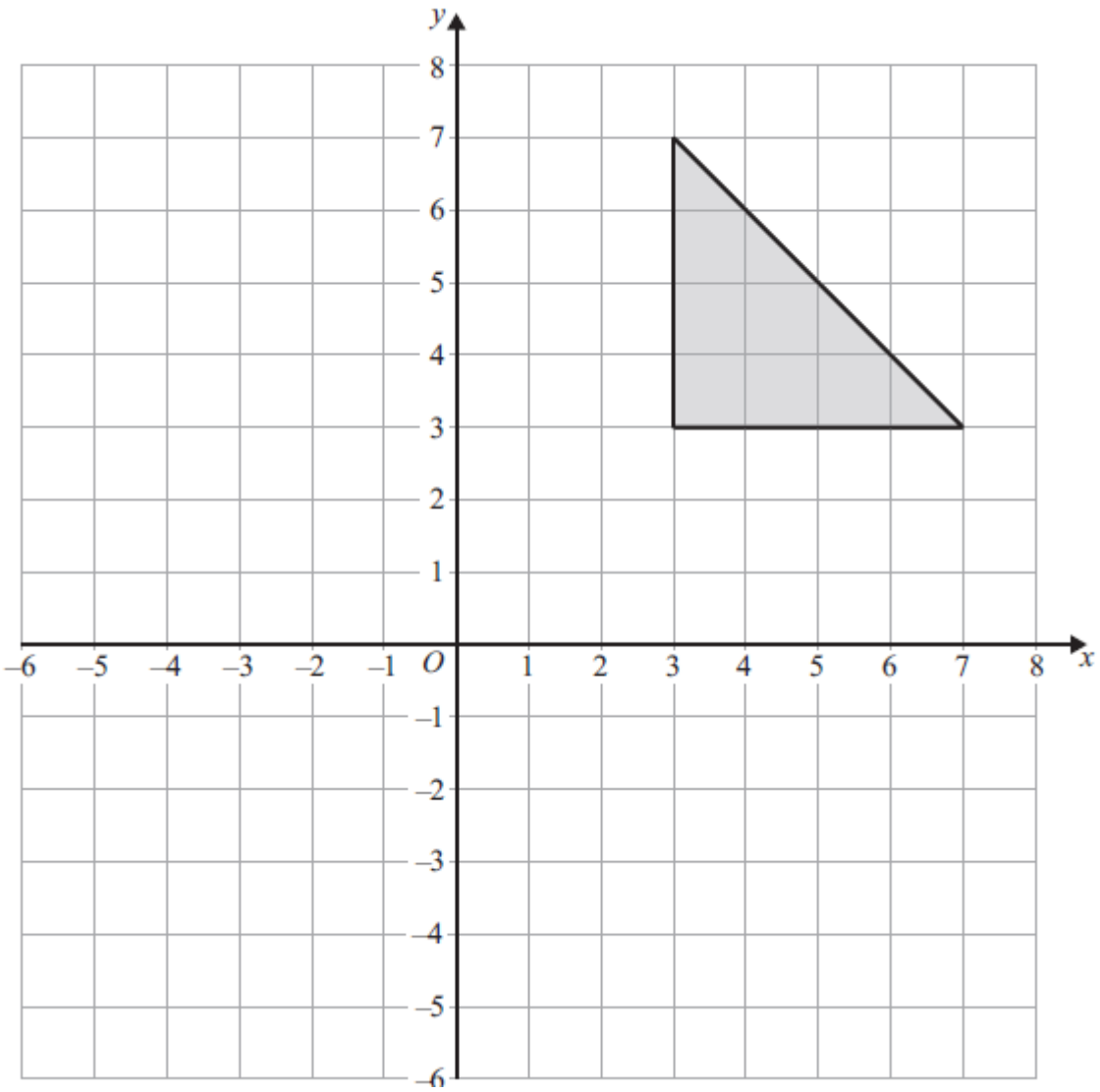
Dwayne sells 15 of the rulers.
He sells each ruler for the same price.
Dwayne makes a 50% profit on the price he paid for all 20 rulers.

Work out how much Dwayne sells each of the 15 rulers for.
You must show all your working.

.....p

(Total for Question 7 is 4 marks)

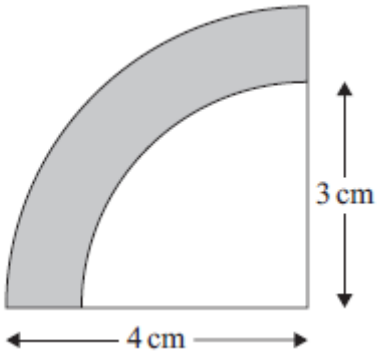
8



Enlarge the triangle by scale factor $\frac{1}{2}$ centre (–1, –3)

(Total for Question 8 is 2 marks)

*** 9** The diagram shows two quarter circles with the same centre.



Work out the area of the shaded section.
Give your answer in terms of π.

..... cm^2

(Total for Question 9 is 3 marks)

10 $x = 0.\dot{2}$ $y = 0.68\dot{1}\dot{1}$

Work out the value of xy.
Give your answer as a fraction in its simplest form.

.....

(Total for Question 10 is 5 marks)

TOTAL FOR PAPER IS 30 MARKS